



STATE OF
COLORADO

Zuber - DNR, Rob <rob.zuber@state.co.us>

Inspection report

1 message

Zuber - DNR, Rob <rob.zuber@state.co.us>
To: "Moline, Ben" <ben.moline@molsoncoors.com>

Fri, Oct 30, 2020 at 10:08 AM

Ben -

Attached is my report from yesterday.

Rob

Rob Zuber, P.E.
Environmental Protection Specialist II
Active Mines Regulatory Program



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 303.866.3567, extension 8113 | F 303.832.8106
1313 Sherman Street, Room 215, Denver, CO 80203
rob.zuber@state.co.us | <http://mining.state.co.us>




INSP-REPORTC_C1981028_RDZ_10302020093601.pdf
466K



PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Ben Moline 1801 California Street Suite 4600 Denver, CO 80202	County: Weld Operation Type: Surface Permit Status: Active Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: October 28, 2020 Inspection Start Time: 08:40 Inspection End Date: October 28, 2020 Inspection End Time: 09:45		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Robert Zuber, P.E.	Inspector's Signature: 		Signature Date: 10/30/2020

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

N - Availability of Records

NA - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

NA - Roads

R - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

NA - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS. No Coors Energy Company (CEC) employees were at the site. CEC has completed reclamation operations, including seeding, and mulch is visible on newly reclaimed areas.

The weather was clear and cool. The ground was partially covered with a small amount of snow.

FISH and WILDLIFE – Rule 4.18:

Many birds were seen and heard at the ponds, including an owl at Sediment Pond 2.

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Only small amounts of water (if any) were in the two ponds, and neither pond was discharging during the inspection. There were no signs that they had discharged recently. As usual, they both contained large amounts of riparian vegetation. **No problems were observed with the two ponds except for a hole in the embankment at Sediment Pond 2.** The hole is approximately 24 inches by 36 inches and one foot deep. It is approximately 100 feet west of the spillway.

The ditch along the north side is in good condition.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

GENERAL MINE PLAN COMPLIANCE:

The eastern portion of the northern boundary of the site was observed, and no signs of pollutant loading from the mine site, or any other problems, were seen.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The eastern half of the site was walked, and no erosion problems were seen. This includes the area where Topsand Piles A-1 and B-1 were located prior to reclamation. However, the slope between the former topsand area and the Dugout Pond is relatively steep, and **the Division recommends that CEC place a row or two of wattles on this slope to prevent erosion.** (The wattles should be dug in at least three inches to be effective.)

REVEGETATION – Rule 4.15**Vegetative Cover; Timing:**

Within the Long Term Spoil area where reclamation has recently been performed, there is a large amount of Kochia (or similar plant). The Division does not consider this a problem because more desirable species should take over these areas in future years (if there is sufficient precipitation).

SUPPORT FACILITIES - Rule 4.04:

No problems were seen at the facilities area.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign was in place but contained an old address (California Street). The Division recommends that CEC not change this now because the sign will need to be changed soon to reflect the permit condition of Permanent Cessation. The Division will address this topic under a separate letter to CEC.

Boundary markers were observed at the north end of the site, at Parcel 34, and along the south side of the site. However, **the Division recommends that an additional boundary marker be added along the south side, namely south of Parcel 25.**

DOCUMENTS RECEIVED - none**OTHER (SPECIFY) - none**

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS

Sediment Pond 2 – north side



Sediment Pond 2 – east side

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Ditch along north side of site



Reclaimed Long Term Spoil area with weeds (possibly Kochia)

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Parcel 34 (buildings in background are off of permit)



**Reclaimed topsoil area and south end of Dugout Pond
(Facility area is in background on right)**

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1